

WHAT IS CLAIMED IS:

1. An information processing apparatus for performing a predetermined process in response to an inputted command, comprising:

movement direction recognizing means for, based on an image obtained by photographing a recognition subject by image pickup means, recognizing a movement direction of said recognition subject and generating said command corresponding to the movement direction of said recognition subject recognized; and

control means for, while not recognizing the movement direction of said recognition subject by said movement direction recognizing means, generating a predetermined standby state image indicating that said movement direction recognizing means is searching for said recognition subject in said image and displaying the standby state image on predetermined display means.

2. The information processing apparatus according to Claim 1, wherein

said control means alternately displays, as said standby state image, a plurality of marks of a predetermined shape sequentially arranged in a predetermined direction, in said direction and in a reverse direction thereof in order.

3. A method for displaying a movement recognizable standby state in an information processing apparatus for performing a

predetermined process in response to a command inputted by recognizing a movement direction of a predetermined recognition subject, comprising:

a movement direction recognizing processing step of, based on an image obtained by photographing said recognition subject by image pickup means, recognizing the movement direction of said recognition subject and generating said command corresponding to the movement direction of said recognition subject recognized;

an image generation processing step of, while not recognizing the movement direction of said recognition subject by said movement direction recognizing processing step, generating a predetermined standby state image indicating that it is searching for said recognition subject in said image; and

a displaying processing step of displaying said standby state image generated by said image generation processing step on predetermined display means.

4. A program storage medium for causing an information processing apparatus to execute a program, wherein

said program comprises:

a movement direction recognizing processing step of, based on an image obtained by photographing a recognition subject by image pickup means, recognizing the movement direction of said recognition subject;

an image generation processing step of, while not recognizing the movement direction of said recognition subject by said movement direction recognizing processing step, generating a predetermined standby state image indicating that it is searching for said recognition subject in said image; and

a displaying step of displaying said standby state image generated by said image generation processing step on predetermined display means.

5. An information processing apparatus, comprising:

movement direction recognizing means for, based on an image obtained by photographing a recognition subject by image pickup means, recognizing the movement direction of said recognition subject; and

control means for, before recognizing the movement direction of said recognition subject by said movement direction recognizing means, generating a predetermined recognizable movement direction image picture in advance for making a user visualize said movement direction which can be recognized by said movement direction recognizing means and displaying it on predetermined display means.

6. The information processing apparatus according to Claim 5, wherein

said control means notifies said user, by displaying as said recognizable movement direction image picture a plurality of marks of a predetermined shape sequentially arranged in a predetermined direction on said display means, that said movement direction recognizing means can recognize the movement direction of said recognition subject in said predetermined direction.

7. The information processing apparatus according to Claim 6, wherein

said control means colors said marks of a predetermined shape in a different color from that of a background image on said display means.

8. A method of showing a recognizable movement comprising:
a movement direction recognizing processing step of, based on an image obtained by photographing a recognition subject by image pickup means, recognizing the movement direction of said recognition subject;

an image generation processing step of, before recognizing said movement direction of said recognition subject by said movement direction recognizing processing step, generating a predetermined recognizable movement direction image picture in advance for making a user visualize said movement direction which can be recognized by said movement direction recognizing processing step; and

a display processing step of displaying said recognizable movement direction image picture generated by said image generation processing step in predetermined display means.

9. A program storage medium causing an information processing apparatus to execute a program, wherein

said program comprises:

a movement direction recognizing processing step of, based on an image obtained by photographing a recognition subject by image pickup means, recognizing the movement direction of said recognition subject;

an image generation processing step of, before recognizing said movement direction of said recognition subject by said movement direction recognizing processing step, generating a predetermined recognizable movement direction image picture in advance for making a user visualize said movement direction which can be recognized by said movement direction recognizing processing step; and

a display processing step of displaying said recognizable movement direction image picture generated by said image generation processing step on predetermined display means.

10. An information processing apparatus, comprising:

movement direction recognizing means for, based on an image obtained by photographing a recognition subject by image pickup means, recognizing the movement direction of said recognition subject; and

control means for generating a recognizing process image representing a trail of the movement direction of said recognition subject recognized by said movement direction recognizing means and displaying it on predetermined display means.

11. The information processing apparatus according to Claim 10, wherein

said control means alternately displays, as said recognizing process image, a plurality of marks of a predetermined shape sequentially arranged in said movement direction of said recognition subject, in said movement direction in order.

12. A method of displaying movement recognizing process, comprising:

a movement direction recognizing processing step of, based on an image obtained by photographing a recognition subject by image pickup means, recognizing movement direction of said recognition subject;

a recognizing process image generation processing step of generating a recognizing process image representing a trail of

the movement direction of said recognition subject recognized by said movement direction recognizing processing step; and

a display processing step of displaying said recognizing process image generated by said recognizing process image generation processing step on predetermined display means.

13. A program storage medium causing an information processing apparatus to execute a program, wherein

said program comprises:

a movement direction recognizing processing step of, based on an image obtained by photographing a recognition subject by image pickup means, recognizing the movement direction of said recognition subject;

a recognizing process image generation processing step of generating a recognizing process image representing a trail of the movement direction of said recognition subject recognized by said movement direction recognizing processing step; and

a display processing step of displaying said recognizing process image generated by said recognizing process image generation processing step on predetermined display means.